

NETWORK REVERSE AUCTION AND SPENDING ANALYSIS METHODS

Abstract of the Disclosure

5 A computer-implemented telecommunications spending analysis system
extracts telecommunications traffic detail data from billing statements provided by
telecommunications carriers and converts the traffic detail data to a generic data
format for aggregation in a uniform customer traffic history database. The spending
analysis system compares billed rates against estimated market prices stored in a best
10 of class (BOC) database and notifies the user of possible cost savings attainable in a
renegotiated contract. A web-based RFP system facilitates preparation of a request
for proposals (RFP) and solicitation of vendors to bid on the RFP in an online reverse
auction environment, both for telecommunications services and other commodities.
The RFP system may access the uniform customer traffic history database to facilitate
15 preparation of a traffic forecast of the RFP. Upon completion of an RFP auction, the
RFP system updates the estimated market prices of the BOC database based on the
vendor bids.

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